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Herrera 2/14/03
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Luis Rafael Herrera Estrella

Serial No.: 09/701,589

Examiner: TAYLOR, Janell E.

Filed: 2/12/2001

Group Art Unit: 1655

For: PROCESS FOR OBTAINING TRANSGENIC PLANTS WHICH HAVE AN
IMPROVED CAPACITY FOR THE UPTAKE OF NUTRIENTS AND
TOLERANCE TO TOXIC COMPOUNDS WHICH ARE PRESENT IN THE
SOIL

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

IN THE CLAIMS:

CANCEL Claims 2-7, 8-11, 12-16, 18-26, 38-46, 48-56, 58-66, 68-79, 81-90, 94-97,
100-102, 108-121, 130-131, and 133-138.

Claim 1 (amended). A method for obtaining transgenic plants having an increased capacity to synthesize, to accumulate and to exude organic acids, by integration into their genome of a recombinant heterologous DNA molecule encoding enzymes that synthesize organic acids, involving the following steps:

- (a) preparation of a recombinant heterologous DNA molecule encoding one or more genes for enzymes that synthesize organic acids, linked to a promoter sequence functional in plants, and to a transcription termination/polyadenylation sequence functional in plants, wherein the recombinant DNA molecule comprises a gene that